High strength fabric for Elastomeric Diaphragm Seals

Dia•Tuff™, is a specialty industrial fabric composed of a proprietary high strength yarn, spun from a liquid crystal polymer. This new fabric can be utilized in conjunction with a variety of specialty elastomers that include: HNBR, EPDM, FKM, Perfluorocopolymers, FEP, Vamac®, and Fluorosilicones. Dia•Tuff™ diaphragms are perfect for use in applications which are beyond the capabilities of traditional fabric reinforced diaphragms. (Vamac® is a registered trademark of DuPont.)

Field Tested to Extend Pressure Capabilities

DiaCom developed Dia•Tuff™ to specifically meet our customer’s ever more demanding requirements and has been successfully field tested in a variety of heavy-duty applications including: load cells, safety relief valves and actuators.

Dia•Tuff™ diaphragms have the ability to be dynamically stable under a wide range of adverse environmental conditions that include: Temperatures up to 500° F and pressures over 6000 psi, High Abrasion, Moisture and Caustic Chemicals.

Diaphragm Design & Manufacturing Leader

DiaCom Corporation, an ISO 9001 and AS9100 certified company, is a recognized leader in the design, manufacture and application of innovative, high performance molded diaphragm seals. DiaCom serves a variety of markets worldwide including industrial, automotive, aerospace, food processing, water control and conservation, medical instrumentation, appliances and others. DiaCom offers state-of-the-art diaphragms designed for cost effectiveness, ease of installation, durability, and high performance characteristics.

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